KICKER®

KSR100

Substation Enclosure System

Congratulations! You have just purchased the latest in single-reflex bandpass enclosures to carry the famous KICKER name. Your KICKER speakers were designed and engineered by the same team which created many other international award winning KICKER components like the Solo-Baric™, Comp VR, and Resolution™ drivers. They contain a number of cutting-edge features to give you outstanding performance and dependability. Thanks for buying KICKER. Enjoy!

General Installation Information

The position of your KICKER Substation will affect the quality and amount of the bass it reproduces. Experimentation will allow you to choose what sounds best in your vehicle.

The ideal situation is to mount the Substation with the ported end about four inches from the rear corner of your trunk or hatchback area. This will add the "boundary loading effect", which boosts bass output at the lower frequencies. See diagram 1.

After determining the best location for your Substation by trial fitting and listening, find the best placement for the mounting brackets. Each bracket must be positioned so that the rounded end protrudes from the cabinet by about 3/4 inch. These brackets and screws will be used to attach the cabinet firmly to the vehicle. See diagram 2.

If the enclosed brackets are not applicable to your installation, some other means must be utilized to secure the cabinet to the vehicle.

For optimum sound quality, the KSR100 should be used with some form of low pass crossover. The best crossover is an electronic crossover used before a dedicated subwoofer amplifier. If it is necessary to use passive crossovers, a 6mH coil wired in series with the Substation will help reduce unwanted out of band frequencies. When wiring the substation to your amplifier, connect the positive output to the red input terminal and connect the negative output to the black terminal. The KSR100 Substation provides a 4 Ohm load to the amplifier.

Diagram 1
Hatchback or Sedan Trunk mounting

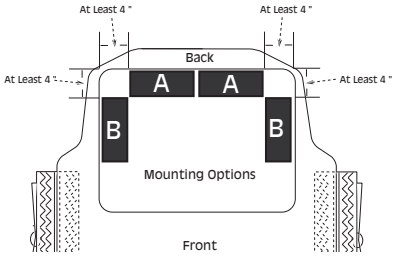
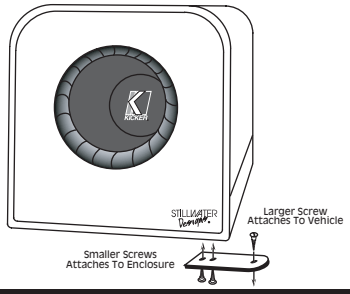


Diagram 2



Specifications

Model	Frequency Response	Maximum Amplifier Power	Impedance
KSR100	39-130Hz	200 Watts RMS	4Ω

*Assumes typical music program with minimal amplifier clipping.

SPEAKER SYSTEMS LIMITED WARRANTY

Stillwater Designs warrants this product to be free from defects in material and workmanship under normal use for a period of **one (1) year from date of original purchase from an Authorized Kicker Dealer**, unless this product is labeled "B Stock", in which case it is warranted for ninety (90) days from date of purchase. Should service be necessary under this warranty for any reason due to manufacturing defect or malfunction during the warranty period, Stillwater Designs will replace or repair (at its discretion) the defective merchandise with equivalent merchandise at no charge. Warranty replacements on "B-Stock" may have cosmetic scratches and blemishes. Discontinued products may be replaced with equivalent products.

This warranty is valid only for the **original purchaser** and is not extended to owners of the product subsequent to the original purchaser. Any applicable implied warranties are limited in duration to a period of the express warranty as provided herein beginning with the date of the original purchase at retail, and no warranties, whether express or implied, shall apply to this product thereafter. Some states do not allow limitations on implied warranties, therefore these exclusions may not apply to you.

This warranty gives you specific legal rights; however you may have other rights that vary from state to state.

WHAT TO DO IF YOU NEED WARRANTY OR SERVICE

Defective merchandise must be returned to your local Authorized Stillwater Designs (Kicker) Dealer for warranty. Assistance in locating an Authorized Dealer can be obtained by writing or calling Stillwater Designs direct. You can confirm that a dealer is authorized by asking to see a current authorized dealer window decal.

If it becomes necessary for you to return defective merchandise, call the Kicker Customer Service Department at (405)624-8510 for a Return Authorization (RA) number. Package all defective items in the original container or in a package that will prevent shipping damage, and return to

Stillwater Designs, 5021 North Perkins Road, Stillwater, OK 74075

The RA number must be clearly marked on the outside of the package. Return only defective components. Return of entire cabinets, system packs, pairs, etc. increases your return freight charges. Non-defective items received will be returned freight collect.

Include a **dated proof-of-purchase** from an Authorized Dealer. Warranty expiration on items returned without proof-of-purchase will be determined from the manufacturing date code. Coverage may be invalidated if this date is greater than 18 months previous to the date item is sent in. Freight must be prepaid; items received freight collect will be refused.

Failure to follow these steps may void your warranty. Any questions can be directed to the Kicker Customer Service Department at (405)624-8510.

WHAT IS NOT COVERED?

This warranty is valid only if the product is used for the purpose for which it was designed. It does not cover:

- Install slips (screwdriver holes)
- Damage caused by exposure to water and/or excessive heat.
- Damage through negligence, misuse, or accident.
- Items physically damaged due to abuse.
- Freight damage.
- The cost of shipping product to Stillwater Designs Service.
- Items previously repaired by any unauthorized repair facility.
- Items returned from unauthorized individuals or dealers.
- Return shipping on non-defective items.
- Speakers damaged due to amplifier clipping or distortion.
- Speakers with silicon caulk used for gasket material.

HOW LONG WILL IT TAKE?

Stillwater Designs maintains a goal of 24-hour service for all returns. Delays may be incurred if lack of replacement inventory or parts is encountered.

INTERNATIONAL WARRANTY

Contact your International Stillwater Designs dealer or distributor concerning specific procedures for your country's warranty policies.

P.O. Box 459 • Stillwater, Oklahoma 74076 • U.S.A. • 405 624-8510

STILLWATER Designs®

WARNING: KICKER drivers are capable of producing sound levels that can permanently damage your hearing! Turning up a system to a level that has audible distortion is more damaging to your ears than listening to an undistorted system at the same volume level. The threshold of pain is always an indicator that the sound level is too loud and may permanently damage your hearing. Please use common sense when controlling volume!

February 2002